



KRYLEX KP707 Polyolefin Primer - Liquid

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Reference number: 01-005-1701

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : KRYLEX KP707 Polyolefin Primer - Liquid
UFI : YAFE-1Q53-5Y10-1C0A
Product code : KP707
Type of product : Adhesion promotor
Product group : Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Solvent-based primer for treating surfaces prior to bonding with cyanoacrylate adhesives
Use of the substance/mixture : Adhesion promotor
Function or use category : Non-metal-surface treatment products

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Chemence Ltd

13 Princewood Road,
Corby,
Northamptonshire NN17 4XD
United Kingdom

Tel: +44 (0)1536 402600

Fax: +44 (0)1536 400266

email:technical@chemence.com

Only Representative

Chemence Graphics France SAS

Parc d'activites Frederic Fays
15, rue de la ligne de l'Est
69100 Villeurbanne, Lyon,
France

Tel: +44 (0)1536 402600

Fax: +44 (0)1536 400266

email:technical@chemence.com

1.4. Emergency telephone number

Emergency number : +44 (0)1536 402600 (Monday - Friday 8:00 to 17:30)
UK Only - IN CASE OF TOXIC OR TRANSPORT EMERGENCY:
National Chemical Emergency Centre: Telephone 01865 407333

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 2	H315
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Hazard statements (CLP)

: H225 - Highly flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P261 - Avoid breathing vapours.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear eye protection, protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P273 - Avoid release to the environment.

EUH-statements

: EUH208 - Contains Triphenylphosphine. May produce an allergic reaction.

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics substance with a Community workplace exposure limit	EC-No.: 927-510-4 REACH-no: 01-2119475515-33	≥ 90	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Triphenylphosphine	CAS-No.: 603-35-0 EC-No.: 210-036-0 REACH-no: 01-2119475464-32	≥ 0.1 – < 0.3	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor. If unconscious, place in the recovery position and seek medical advice. If not breathing, give artificial respiration.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting. Rinse mouth out with water. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: May cause drowsiness or dizziness. May result in aspiration into the lungs, causing chemical pneumonia.
Symptoms/effects after inhalation	: Inhalation of vapors may cause drowsiness, dizziness, cough and headache. Absorption through the lungs can occur causing symptoms similar to those of ingestion. Overexposure may cause : Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	: Causes mild skin irritation. Prolonged or repeated contact may cause dermatitis by loss of natural skin fats.
Symptoms/effects after eye contact	: Causes eyes to water. mild eye irritation. stinging.
Symptoms/effects after ingestion	: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract. Abdominal pain, nausea. Risk of aspiration pneumonia. Risk of lung oedema.
Chronic symptoms	: Respiratory difficulties. Cracking of the skin.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. An eyewash station should be available on the premises. . If breathing is difficult, give oxygen.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : high volume water jet or water based extinguishing media. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Highly flammable liquid and vapour. The vapours are denser than air and may travel along the ground. Distance ignition possible.
Explosion hazard : May form flammable/explosive vapour-air mixture.
Hazardous decomposition products in case of fire : Combustion products may include the following: carbon oxides (CO, CO₂) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO₂ etc.).

5.3. Advice for firefighters

- Precautionary measures fire : Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.
Firefighting instructions : Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection. Exercise caution when fighting any chemical fire.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Other information : Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : No flames, no sparks. Eliminate all sources of ignition.

6.1.1. For non-emergency personnel

- Protective equipment : Safety glasses. Gloves.
Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing fume, vapours. Avoid contact with skin and eyes.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment : . Safety glasses. Gloves. Respiratory protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel. Keep people away from and upwind of spill/leak. Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid. Use non-sparking tools.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up : Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite. Use non-sparking tools. Place spent adsorbent in sealed packages and contact specialist waste disposal contractor.
Other information : Dispose of materials or solid residues at an authorized site.

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6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Flammable or explosive vapour/air mixtures may be formed. Electrostatic charges may be generated during handling.
Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing fume, vapours. Avoid contact with skin and eyes.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Ensure adequate ventilation, especially in confined areas.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Heat and ignition sources, sparks, open flames. Keep container tightly closed. Keep in fireproof place.
Incompatible products	: Strong oxidizing agents. Strong acids. Acid anhydrides.
Incompatible materials	: heat. hot surfaces. Sources of ignition. sparks. open flames. Direct sunlight.
Storage temperature	: 5 – 25 °C
Storage area	: Fireproof storeroom. Store away from direct sunlight or other heat sources. Take precautionary measures against static discharge.
Packaging materials	: Polyester. high density polyethylene (HDPE). Stainless steel. Polypropylene.

7.3. Specific end use(s)

Adhesion promotor.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

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United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [2]	500 ppm
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	1800 mg/m ³
IOEL TWA [ppm]	600 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [2]	500 ppm

8.1.2. Recommended monitoring procedures

No additional information available

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8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

See Section 7 for information on safe handling. Ensure good ventilation of the work station. An eyewash station should be available on the premises.

8.2.2. Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR), Fluoroelastomer (FKM), Viton® II	3 (> 60 minutes)	>0.3		EN 374-2

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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Respiratory protection			
Device	Filter type	Condition	Standard
Reusable half mask	Type A - High-boiling (>65 °C) organic compounds, Filter AX (brown)	If conc. in air > exposure limit	EN 405, EN 14387

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Appearance	: Clear, colourless liquid.
Odour	: Light, paraffinic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: 83 – 105 °C
Flammability	: Not available
Explosive properties	: Vapours may form flammable and explosive mixture with air.
Oxidising properties	: Not oxidising.
Explosive limits	: Not available
Lower explosion limit	: 0.6 vol %
Upper explosion limit	: 7 vol %
Flash point	: -5 °C
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: Not available
pH	: substance/mixture is non-polar/aprotic
Viscosity, kinematic	: ≈ 0.5 mm ² /s @20°C
Solubility	: immiscible and insoluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: 4.5 – 4.8
Vapour pressure	: 6 kPa @20°C
Vapour pressure at 50 °C	: Not available
Density	: 680 kg/m ³
Relative density	: 0.681 – 0.781
Relative vapour density at 20 °C	: > 1
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: 2.8
Relative evaporation rate (ether=1)	: 4

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SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use. Explosive vapour/air mixtures may be formed.

10.4. Conditions to avoid

Heat. hot surfaces. Sources of ignition. Sparks. open flames. Direct sunlight.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Acid anhydrides.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Combustion products may include the following: carbon oxides (CO, CO₂) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO₂ etc.).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

LD50 oral rat	> 5840 mg/kg
LD50 dermal rat	> 2920 mg/kg
LC50 Inhalation - Rat	> 23.3 mg/l Animal: rat, OECD Guideline 403: (Acute Inhalation Toxicity)

Triphenylphosphine (603-35-0)

LD50 oral rat	700 mg/kg bodyweight
LD50 dermal	> 4000 mg/kg (24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	12.5 mg/l Animal: rat; animal sex: male

Skin corrosion/irritation : Causes skin irritation.
pH: substance/mixture is non-polar/aprotic
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: substance/mixture is non-polar/aprotic
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : May cause drowsiness or dizziness.

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

STOT-single exposure	May cause drowsiness or dizziness.
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STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

LOAEC (inhalation, rat, vapour, 90 days)	16.6 mg/l Animal: rat; animal sex: male
NOAEC (inhalation, rat, vapour, 90 days)	3.3 mg/l Animal: rat; animal sex: male

Triphenylphosphine (603-35-0)

LOAEL (oral, rat, 90 days)	60 mg/kg bodyweight (OECD 408 method)
LOAEC (inhalation, rat,dust/mist/fume, 90 days)	2.4 mg/l Animal: rat; animal sex: male
NOAEL (oral, rat, 90 days)	6 mg/kg bodyweight (OECD 408 method)
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : May be fatal if swallowed and enters airways.

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Viscosity, kinematic	≈ 0.5 mm ² /s @20°C
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Ecology - water	: Floats on water
Ecology - water	: immiscible and insoluble.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

LC50 - Fish [1]	> 13.4 mg/l
EC50 - Crustacea [1]	3 mg/l Species: Daphnia magna
EC50 - Other aquatic organisms [1]	3 mg/l
EC50 72h - Algae [1]	10 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	0.32 mg/l Species: Daphnia magna Duration: '21 d'
NOEC (chronic)	0.17 mg/l Species: Daphnia magna Duration: '21 d'

Triphenylphosphine (603-35-0)

LC50 - Fish [1]	> 10000 mg/l Leuciscus idus (golden orfe)
EC50 - Crustacea [1]	> 5 mg/l Species: Daphnia magna
EC50 - Other aquatic organisms [1]	> 5 mg/l
EC50 72h - Algae [1]	> 5 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

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12.2. Persistence and degradability

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Persistence and degradability	Readily biodegradable.
Biodegradation	98 %

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Persistence and degradability	Readily biodegradable.
Biodegradation	98 % (OECD 301F method)

Triphenylphosphine (603-35-0)

Biodegradation	< 20 %
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12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (Log Pow)	4.5 – 4.8
Bioaccumulative potential	Slightly bioaccumulative. Not established.

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Partition coefficient n-octanol/water (Log Pow)	4.66
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow <4).

12.4. Mobility in soil

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Ecology - soil	Contains volatile component(s). Floats on water. The product evaporates readily.
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Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Ecology - soil	Contains volatile component(s).
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose as hazardous waste.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations. Handle empty containers with care because residual vapours are flammable. Do not burn empty packaging. Do not cut using a blowtorch.

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Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 3295	UN 3295	UN 3295	UN 3295	UN 3295
14.2. UN proper shipping name				
HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics)	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics)	Hydrocarbons, liquid, n.o.s. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics)	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics)	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics)
Transport document description				
UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics), 3, II, (D/E)	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics), 3, II	UN 3295 Hydrocarbons, liquid, n.o.s. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics), 3, II	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics), 3, II	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics), 3, II
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
Environmentally hazardous substances derogation applies (quantity of liquids ≤ 5 litres or net mass of solids ≤ 5 kg). The environmentally hazardous substance mark is therefore not required, as stated in the ADR regulation, section 5.2.1.8.1.				
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: F1
Special provisions (ADR)	: 640D
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T7

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Portable tank and bulk container special provisions : TP1, TP8, TP28

(ADR)

Tank code (ADR) : LGBF

Vehicle for tank carriage : FL

Transport category (ADR) : 2

Special provisions for carriage - Operation (ADR) : S2, S20

Hazard identification number (Kemler No.) : 33

Orange plates :



Tunnel restriction code (ADR) : D/E

EAC code : 3YE

Transport by sea

Limited quantities (IMDG) : 1 L

Excepted quantities (IMDG) : E2

Packing instructions (IMDG) : P001

IBC packing instructions (IMDG) : IBC02

Tank instructions (IMDG) : T7

Tank special provisions (IMDG) : TP1, TP8, TP28

EmS-No. (Fire) : F-E

EmS-No. (Spillage) : S-D

Stowage category (IMDG) : B

Properties and observations (IMDG) : Immiscible with water.

Air transport

PCA Excepted quantities (IATA) : E2

PCA Limited quantities (IATA) : Y341

PCA limited quantity max net quantity (IATA) : 1L

PCA packing instructions (IATA) : 353

PCA max net quantity (IATA) : 5L

CAO packing instructions (IATA) : 364

CAO max net quantity (IATA) : 60L

Special provisions (IATA) : A3, A324

ERG code (IATA) : 3H

Inland waterway transport

Classification code (ADN) : F1

Special provisions (ADN) : 640D

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E2

Carriage permitted (ADN) : T

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01

Number of blue cones/lights (ADN) : 1

Rail transport

Classification code (RID) : F1

Special provisions (RID) : 640D

Limited quantities (RID) : 1L

Excepted quantities (RID) : E2

Packing instructions (RID) : P001, IBC02, R001

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions (RID) : T7



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Portable tank and bulk container special provisions (RID) : TP1, TP8, TP28
Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 2
Colis express (express parcels) (RID) : CE7
Hazard identification number (RID) : 33

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

EU restriction list (REACH Annex XVII)

Reference code	Applicable on	Entry title or description
3(a)	KRYLEX KP707 Polyolefin Primer - Liquid ; Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	KRYLEX KP707 Polyolefin Primer - Liquid ; Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	KRYLEX KP707 Polyolefin Primer - Liquid ; Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
40.	Hydrocarbons, C7, n- alkanes, isoalkanes, cyclics	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

No additional information available



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15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Indication of changes:

All chapters have been modified since the previous version.

Indication of changes

Section	Changed item	Change	Comments
	Supersedes version of	Added	
	Revision date	Modified	
	Indication of changes	Added	
	Excepted quantities (RID)	Added	
	Mixed packing provisions (RID)	Added	
	Portable tank and bulk container special provisions (RID)	Added	
	Hazard identification number (RID)	Added	
	Colis express (express parcels) (RID)	Added	
	Transport category (RID)	Added	
	Tank codes for RID tanks (RID)	Added	
	Portable tank and bulk container instructions (RID)	Added	
	Packing instructions (RID)	Added	
	Limited quantities (RID)	Added	
	Number of blue cones/lights (ADN)	Added	
	Ventilation (ADN)	Added	
	Equipment required (ADN)	Added	
	Carriage permitted (ADN)	Added	
	Excepted quantities (ADN)	Added	
	Limited quantities (ADN)	Added	
	PCA limited quantity max net quantity (IATA)	Added	
	PCA max net quantity (IATA)	Added	
	CAO max net quantity (IATA)	Added	
	ERG code (IATA)	Added	
	CAO packing instructions (IATA)	Added	
	PCA packing instructions (IATA)	Added	
	PCA Limited quantities (IATA)	Added	
	PCA Excepted quantities (IATA)	Added	



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Indication of changes			
Section	Changed item	Change	Comments
	Excepted quantities (IMDG)	Added	
	Tank special provisions (IMDG)	Added	
	EmS-No. (Spillage)	Added	
	Properties and observations (IMDG)	Added	
	Stowage category (IMDG)	Added	
	EmS-No. (Fire)	Added	
	Tank instructions (IMDG)	Added	
	IBC packing instructions (IMDG)	Added	
	Limited quantities (IMDG)	Added	
	Portable tank and bulk container special provisions (ADR)	Added	
	Special provisions for carriage - Operation (ADR)	Added	
	Vehicle for tank carriage	Added	
	Tank code (ADR)	Added	
	Portable tank and bulk container instructions (ADR)	Added	
	Mixed packing provisions (ADR)	Added	
	Packing instructions (ADR)	Added	
	Packing group (RID)	Added	
	Classification code (RID)	Added	
	Classification code (ADN)	Added	
	Danger labels (ADN)	Added	
	Danger labels (IATA)	Added	
	Danger labels (IMDG)	Added	
	Proper Shipping Name (RID)	Added	
	Proper Shipping Name (IATA)	Added	
	Proper Shipping Name (IMDG)	Added	
	UN-No. (RID)	Added	
	Reason for no classification	Added	
1.1	Product group	Added	
1.1	Name	Modified	
1.2	Use of the substance/mixture	Added	
1.2	Function or use category	Modified	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	



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Indication of changes			
Section	Changed item	Change	Comments
2.2	EUH-statements	Added	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures after ingestion	Added	
4.1	First-aid measures after eye contact	Added	
4.1	First-aid measures after skin contact	Added	
4.1	First-aid measures after inhalation	Added	
4.1	First-aid measures general	Added	
4.2	Chronic symptoms	Added	
4.2	Symptoms/effects	Added	
4.2	Symptoms/effects after ingestion	Added	
4.2	Symptoms/effects after eye contact	Added	
4.2	Symptoms/effects after skin contact	Added	
4.2	Symptoms/effects after inhalation	Added	
4.3	Other medical advice or treatment	Added	
5.1	Unsuitable extinguishing media	Added	
5.1	Suitable extinguishing media	Added	
5.2	Explosion hazard	Added	
5.2	Fire hazard	Added	
5.2	Hazardous decomposition products in case of fire	Added	
5.3	EAC code	Added	
5.3	Other information	Added	
5.3	Firefighting instructions	Added	
5.3	Protection during firefighting	Added	
5.3	Precautionary measures fire	Added	
6.1	Protective equipment	Added	
6.1	General measures	Added	
6.1	Protective equipment	Added	
6.1	Emergency procedures	Added	
6.1	Emergency procedures	Added	
6.2	Environmental precautions	Added	
6.3	For containment	Added	
6.3	Methods for cleaning up	Added	
6.3	Other information	Added	



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Indication of changes			
Section	Changed item	Change	Comments
6.4	Reference to other sections (8, 13)	Added	
7.1	Additional hazards when processed	Added	
7.1	Precautions for safe handling	Added	
7.1	Hygiene measures	Added	
7.2	Incompatible products	Added	
7.2	Incompatible materials	Added	
7.2	Technical measures	Added	
7.2	Storage conditions	Added	
7.2	Storage area	Added	
7.2	Packaging materials	Added	
7.2	Storage temperature	Added	
7.3	Specific end uses	Added	
8.1	WEL TWA (OEL TWA) [2]	Added	
8.2	Personal protective equipment	Added	
8.2	Environmental exposure controls	Added	
8.2	Respiratory protection	Added	
8.2	Hand protection	Added	
8.2	Skin and body protection	Added	
8.2	Eye protection	Added	
8.2	Appropriate engineering controls	Added	
9.1	Relative evaporation rate (ether=1)	Added	
9.1	Density	Added	
9.1	pH	Added	
9.1	Relative vapour density at 20 °C	Added	
9.1	Upper explosive limit (UEL)	Added	
9.1	Lower explosive limit (LEL)	Added	
9.1	Relative density	Modified	
9.1	Melting point	Added	
9.1	Boiling point	Modified	
9.1	Auto-ignition temperature	Modified	
9.1	Oxidising properties	Added	
9.1	Explosive properties	Added	
9.1	Viscosity, kinematic	Added	
9.1	Partition coefficient n-octanol/water (Log Pow)	Added	



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Indication of changes			
Section	Changed item	Change	Comments
9.1	Solubility	Added	
9.1	Vapour pressure	Added	
9.1	Relative evaporation rate (butylacetate=1)	Added	
9.1	Odour	Modified	
9.1	Appearance	Added	
10.1	Reactivity	Added	
10.2	Chemical stability	Added	
10.3	Possibility of hazardous reactions	Added	
10.4	Conditions to avoid	Added	
10.5	Incompatible materials	Added	
10.6	Hazardous decomposition products	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
12.1	Ecology - water	Added	
12.2	Biodegradation	Added	
12.2	Persistence and degradability	Added	
12.3	Bioaccumulative potential	Added	
12.3	Partition coefficient n-octanol/water (Log Pow)	Added	
12.4	Ecology - soil	Added	
13.1	Product/Packaging disposal recommendations	Added	
13.1	Regional legislation (waste)	Added	
13.1	Additional information	Added	
13.1	Waste treatment methods	Added	
14.1	UN-No. (ADN)	Added	
14.1	UN-No. (IATA)	Added	
14.1	UN-No. (IMDG)	Added	
14.1	UN-No. (ADR)	Modified	



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Indication of changes			
Section	Changed item	Change	Comments
14.2	Proper Shipping Name (ADN)	Added	
14.2	Proper Shipping Name (ADR)	Added	
14.3	Danger labels (RID)	Added	
14.3	Class (ADR)	Added	
14.3	Danger labels (ADR)	Added	
14.4	Packing group (ADN)	Added	
14.4	Packing group (IATA)	Added	
14.4	Packing group (IMDG)	Added	
14.4	Packing group (ADR)	Modified	
14.6	Packing instructions (IMDG)	Added	
14.6	Excepted quantities (ADR)	Added	
14.6	Hazard identification number (Kemler No.)	Added	
14.6	Transport category (ADR)	Added	
14.6	Limited quantities (ADR)	Added	
14.6	Classification code (ADR)	Added	
14.6	Tunnel restriction code (ADR)	Added	
15.1	REACH Annex XVII	Added	
15.2	Chemical safety assessment	Added	
16	Abbreviations and acronyms	Added	
16	Data sources	Added	

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer



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Abbreviations and acronyms:

IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Data sources : Supplier's safety documents. ECHA (European Chemicals Agency). UNECE, <http://www.unece.org/>.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains Triphenylphosphine. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.



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Full text of H- and EUH-statements:	
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis

Safety Data Sheet (SDS), EU

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